

ABSTRACT OF THE DISCLOSURE

A gateway for connecting networks of different types is designed to connect a first network and a second network that uses a signal format and a protocol that are different from those of the first network. The gateway comprises a conversion section, a detection section, and a network-connecting section. When communication is performed between a terminal connected to the first network and a terminal connected to the second network, the conversion section converts a signal used in the first network to a signal to be used in the second network, and a signal used in the second network to a signal to be used in the first network. The detection section detects conversion-process information containing at least one of the time spent to convert the signal and the amount of data converted. The network-connecting section is connected to at least one of the first and second networks and transmits the conversion-process information to a fee-charging system of the first network or a fee-charging system of the second network.